

INTERNATIONAL SEARCH REPORT

Inte final Application No

PC1, 1B2004/052232

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02M3/335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 528 481 A (CALDEIRA PAULO ET AL) 18 June 1996 (1996-06-18) column 2, lines 43-64 figure 1	1-11
Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) & JP 10 052041 A (MATSUSHITA ELECTRIC IND CO LTD), 20 February 1998 (1998-02-20) abstract	1-11
Y	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07, 3 July 2002 (2002-07-03) & JP 2002 084753 A (MATSUSHITA ELECTRIC IND CO LTD), 22 March 2002 (2002-03-22) abstract	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

29 December 2004

Date of mailing of the international search report

13/01/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Roider, A

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Information on patent family members

International Application No
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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 5528481	A 18-06-1996	NONE		
JP 10052041	A 20-02-1998	JP 3399242 B2		21-04-2003
JP 2002084753	A 22-03-2002	JP 3480438 B2 US 2002118551 A1		22-12-2003 29-08-2002